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- 1 [Toward improved geographic information services within a digital government: report of the NSF digital government initiative geographic information systems workshop](#)

Ads

Louis Hecht, Barbara Kucera

May 2000 dg.o '00: Proceedings of the 2000 annual national conference on Digital government research

Publisher: Digital Government Research Center

Full text available: pdf(531.35 KB) Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 110, Citation Count: 0

This material is based upon work supported in part by the National Science Foundation under Grant No. EIA-9818131. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect ...

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- 2 [24-hour knowledge factory: Using Internet technology to leverage spatial and temporal separations](#)

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Amar Gupta, Satwik Seshasai

August 2007 ACM Transactions on Internet Technology (TOIT), Volume 7 Issue 3

Publisher: ACM

Full text available: pdf(589.95 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 425, Citation Count: 0

Several of the outsourcing endeavors of today will gradually converge to a hybrid outsourcing model that will involve a team spread across three or more strategically-located centers interconnected by Internet technology. White-collar professionals in ...

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Keywords: Knowledge management, geographic boundaries, global teams, knowledge sharing, outsourcing, temporal boundaries

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- 3 [Can you infect me now?: malware propagation in mobile phone networks](#)

Chris Fleizach, Michael Liljenstam, Per Johansson, Geoffrey M. Voelker, Andras Mehes

November 2007 WORM '07: Proceedings of the 2007 ACM workshop on Recurring malware

Publisher: ACM

Full text available: pdf(346.26 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 27, Downloads (12 Months): 213, Citation Count: 0

In this paper we evaluate the effects of malware propagating using communication services in mobile phone networks. Although self-propagating malware is well understood in the Internet, mobile phone networks have very different characteristics in terms ...

Keywords: cellular phone networks, defenses, epidemiology, measurement, simulation, worms

4 [Internet intrusions: global characteristics and prevalence](#)



Vinod Yegneswaran, Paul Barford, Johannes Ullrich

June 2003 SIGMETRICS '03: Proceedings of the 2003 ACM SIGMETRICS international conference on Measurement and modeling of computer systems

Publisher: ACM

Full text available: [pdf\(699.44 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 160, Citation Count: 15

Network intrusions have been a fact of life in the Internet for many years. However, as is the case with many other types of Internet-wide phenomena, gaining insight into the *global* characteristics of intrusions is challenging. In this paper we ...

Keywords: internet performance and monitoring, network security, wide area measurement

5 [Visualizing geospatial data](#)



Theresa Marie Rhyne, Alan MacEachren, Theresa-Marie Rhyne

August 2004 SIGGRAPH '04: ACM SIGGRAPH 2004 Course Notes

Publisher: ACM

Full text available: [pdf\(14.01 MB\)](#) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 149, Downloads (12 Months): 847, Citation Count: 0

This course reviews concepts and highlights new directions in GeoVisualization. We review four levels of integrating geospatial data and geographic information systems (GIS) with scientific and information visualization (VIS) methods. These include:• ...

6 [Wireless hotspots: current challenges and future directions](#)

Anand Balachandran, Geoffrey M. Voelker, Paramvir Bahl

June 2005 Mobile Networks and Applications, Volume 10 Issue 3

Publisher: Kluwer Academic Publishers

Full text available: [pdf\(780.01 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 69, Downloads (12 Months): 371, Citation Count: 2

In recent years, wireless Internet service providers (WISPs) have established Wi-Fi hotspots in increasing numbers at public venues, providing local coverage to traveling users and empowering them with the ability to access email, Web, and other Internet ...

Keywords: deployment, performance

7 [The implications of enterprise-wide pipeline management tools for organizational](#)

relations and exchanges

Melissa Cefkin, Jakita O. Thomas, Jeanette Blomberg

November 2007 GROUP '07: Proceedings of the 2007 international ACM conference on
Conference on supporting group work

Publisher: ACM


Full text available:  pdf(277.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 92, Citation Count: 0

This paper explores the impact of enterprise-wide processes and technologies on group relations and exchanges. We examine the use of Customer Relationship Management (CRM) tools in sales pipeline management. Through an ethnographic study of globally-distributed ...

Keywords: business processes, enterprise-wide technologies, ethnography, information exchange, organizational relations, sales operations, work practices

8 Adaptive text correction with Web-crawled domain-dependent dictionaries

 Christoph Ringlstetter, Klaus U. Schulz, Stoyan Mihov

October 2007 ACM Transactions on Speech and Language Processing (TSLP). Volume 4
Issue 4

Publisher: ACM


Full text available:  pdf(390.15 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 108, Citation Count: 0

For the success of lexical text correction, high coverage of the underlying background dictionary is crucial. Still, most correction tools are built on top of static dictionaries that represent fixed collections of expressions of a given language. When ...

Keywords: Adaptive techniques, Web crawling, dictionaries, domains, error correction

9 Tracking website data-collection and privacy practices with the iWatch web crawler

 Carlos Jensen, Chandan Sarkar, Christian Jensen, Colin Potts

July 2007 SOUPS '07: Proceedings of the 3rd symposium on Usable privacy and security

Publisher: ACM


Full text available:  pdf(293.14 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 305, Citation Count: 0

In this paper we introduce the iWatch web crawler, a tool designed to catalogue and analyze online data practices and the use of privacy related indicators and technologies. Our goal in developing iWatch was to make possible a new type of analysis of ...


Keywords: P3P, cookies, data-collection practices, demographics, legislative impact, privacy, web-crawling, webbugs

10 Extending cyberspace: location based games using cellular phones

 Omer Rashid, Ian Mullins, Paul Coulton, Reuben Edwards

January 2006 Computers in Entertainment (CIE). Volume 4 Issue 1

Publisher: ACM

Full text available:  pdf(697.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): 47, Downloads (12 Months): 454, Citation Count: 6

In the current market many game developers and publishers treat the cellular phone as

just another platform to which they can port a console game; they ignore the exciting new possibilities cellular phones provide via their inherent ability to maintain ...

Keywords: cellular phones, location-based games, location-sensing

11 An NGN middleware based on an enhanced IMS

 Noémie Simoni, Chunyang Yin, Rhéa Berberi, Ghislain Du Chene
November 2007 MNCNA '07: Proceedings of the 2007 Workshop on Middleware for next-generation converged networks and applications

Publisher: ACM


Full text available:  pdf(2.43 MB) Additional Information: full citation, abstract, references, index terms


Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 15, Citation Count: 0

As one of the NGN architectures, IMS acts as a session middleware to offer the service session, which enables the operator to deliver the IMS-based Next Generation Services. But can the IMS architecture keep the promise of a quick TTM and with an acceptable ...

Keywords: IMS, NGN, NGN middleware, QoS routing table, SIP+ message, community management, service session mobility

12 Internet intrusions: global characteristics and prevalence

 Vinod Yegneswaran, Paul Barford, Johannes Ullrich
June 2003 ACM SIGMETRICS Performance Evaluation Review, Volume 31 Issue 1
Publisher: ACM

Full text available:  pdf(599.44 KB) Additional Information: full citation, abstract, references, cited by, index terms


Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 160, Citation Count: 15

Network intrusions have been a fact of life in the Internet for many years. However, as is the case with many other types of Internet-wide phenomena, gaining insight into the *global* characteristics of intrusions is challenging. In this paper we ...

Keywords: internet performance and monitoring, network security, wide area measurement

13 Parallel and Distributed Simulation: distributed spatio-temporal modeling and simulation

Thomas Schulze, Andreas Wytzisk, Ingo Simonis, Ulrich Raape
December 2002 WSC '02: Proceedings of the 34th conference on Winter simulation: exploring new frontiers
Publisher: Winter Simulation Conference

Full text available:  pdf(512.37 KB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 35, Citation Count: 0

The objective of upcoming research in the field of geoprocessing is to evolve interoperability standards to develop flexible and scalable controlling and simulation services. In order to overcome the limitations of proprietary solutions, efforts have ...

14 DOTAGWA: a case study in web-based architectures for connecting surface water models to spatially enabled web applications


Averill Cate, Jr., Darius Semmens, D. Phillip Guertin, David C. Goodrich
 July 2007 SCSC: Proceedings of the 2007 summer computer simulation conference
 Publisher: Society for Computer Simulation International
 Full text available:  pdf(961.50 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 15, Citation Count: 0

The Automated Geospatial Watershed Assessment (AGWA) tool is a desktop application that uses widely available standardized spatial datasets to derive inputs for multi-scale hydrologic models (Miller et al., 2007). The required data sets include topography ...

Keywords: best management practices, decision support systems, environmental science, land-use change, landscape change and monitoring, spatially enabled web application, surface water

15 [Making simulation relevant in business: achieving higher levels of CMMI maturity using simulation](#)

Martin J. Miller, Francisco Pulgar-Vidal, David M. Ferrin
 December 2002 WSC '02: Proceedings of the 34th conference on Winter simulation: exploring new frontiers
 Publisher: Winter Simulation Conference
 Full text available:  pdf(194.71 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 249, Citation Count: 2

Simulation and the Capability Maturity Model Integrated (CMMI) are both fundamentally process focused with common objectives. Both are tools used to advance process capabilities and performance. Can organizations apply simulation to their business practices ...

16 [ACM SIGGRAPH Computer Graphics: Volume 35 Issue 3](#)



August 2001 issue Volume 35 Issue 3

Publisher: ACM

Additional Information: [full citation](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

17 [Delayed password disclosure](#)



Markus Jakobsson, Steven Myers

September 2007 ACM SIGACT News, Volume 38 Issue 5

Publisher: ACM

Full text available:  pdf(955.13 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 115, Citation Count: 0

We present a new authentication protocol called Delayed Password Disclosure. Based on the traditional username and password paradigm, the protocol's goal is aimed at reducing the effectiveness of phishing/spoofing attacks that are becoming increasingly ...

Keywords: decisional, doppelganger, oblivious transfer, password authenticated key exchange, phishing, static diffie-hellman, user interfaces



Impact of software engineering research on the practice of software configuration management

Jacky Estublier, David Leblang, André van der Hoek, Reidar Conradi, Geoffrey Clemm, Walter Tichy, Darcy Wiborg-Weber
 October 2005 ACM Transactions on Software Engineering and Methodology (TOSEM), Volume 14 Issue 4
 Publisher: ACM

Full text available: pdf(360.59 KB) Additional Information: full citation, abstract, references, cited by, index terms, review

Bibliometrics: Downloads (6 Weeks): 116, Downloads (12 Months): 997, Citation Count: 5
 Software Configuration Management (SCM) is an important discipline in professional software development and maintenance. The importance of SCM has increased as programs have become larger, more long lasting, and more mission and life critical. This article ...

Keywords: Versioning, data model, process support, research impact, software configuration management, software engineering, workspace management

19 Entering the education arcade



Henry Jenkins, Eric Klopfer, Kurt Squire, Philip Tan
 October 2003 Computers in Entertainment (CIE), Volume 1 Issue 1
 Publisher: ACM

Full text available: pdf(1.14 MB) Additional Information: full citation, appendices and supplements, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 202, Citation Count: 4
 Responding to social, economic, and technological trends which make games the most powerful medium for reaching young learners, The Education Arcade project, based in the MIT Comparative Media Studies Program, seeks to prototype games that teach, develop ...

Keywords: augmented reality, computer graphics, education, educational technology, games, handhelds, simulation, simulations, video games

20 Sampled 3D models for CH applications: A viable and enabling new medium or just a technological exercise?



Paolo Cignoni, Roberto Scopigno
 June 2008 Journal on Computing and Cultural Heritage (JOCCH), Volume 1 Issue 1
 Publisher: ACM

Full text available: pdf(18.21 MB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 60, Downloads (12 Months): 60, Citation Count: 0
 Any application of three-dimensional computer graphics in the Cultural Heritage (CH) field requires availability of a digital model of the artifact(s) treated. Detailed and accurate digital 3D models can be produced with 3D scanning devices, which allow ...

Keywords: 3D scanning, color data acquisition and mapping, computer-aided restoration, efficient visualization, scanning pipeline

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